

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/039,272A
Source: 1FW16
Date Processed by STIC: 3/28/05

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IFW16

RAW SEQUENCE LISTING

DATE: 03/28/2005

PATENT APPLICATION: US/10/039,272A

TIME: 10:12:02

Input Set : A:\UMD-55.seq.txt

Output Set: N:\CRF4\03282005\J039272A.raw

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3 <110> APPLICANT: RAMESHWAR, Pranela
5 <120> TITLE OF INVENTION: HEMATOPOIETIC GROWTH FACTOR INDUCIBLE NEUROKININ-TYPE
7 <130> FILE REFERENCE: 267/033 (UMD-0055)
9 <140> CURRENT APPLICATION NUMBER: US 10/039,272A
10 <141> CURRENT FILING DATE: 2001-10-20
12 <150> PRIOR APPLICATION NUMBER: US 60/241,881
13 <151> PRIOR FILING DATE: 2000-10-20
15 <160> NUMBER OF SEQ ID NOS: 4
17 <170> SOFTWARE: PatentIn version 3.3
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 2661
21 <212> TYPE: DNA
22 <213> ORGANISM: Homo sapiens
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29 ccgccaaacg atttcatgat gtgctgggca atgaaagacc ttctgcttac atgagggagc      180
31 acaatcaatt aaatggctgg tcttctgatg aaaatgactg gaatgaaaaa ctctacccag      240
33 tgtggaagcg gggagacatg aggtggaaaa actcctggaa gggaggccgt gtgcaggcgg      300
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37 tattccctag atgccaaaag gaagatgccat atggcaacat agtctatgag aagaactgca      420
39 gaaatgaggc tggtttatct gctgatccat atgtttacaa ctggacagca tggtcagagg      480
41 acagtgcagg ggaataatggc accggcctaaa gccatcataa cgtcttcctt gatgggaaac      540
43 cttttcctca ccaccccgga tggagaagat ggaatttcac ctacgtcttc cacacacttg      600
45 gtcagtattt ccagaaattg ggacgatgtt cagtgcagag ttctgtgaac acagccaatg      660
47 tgacacttgg gcctcaactc atggaagtga ctgtctacag aagacatgga cgggcatatg      720
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53 tatgtttgat gtcctgattc atgacccatg ccacttcctc aattattcta ccattaacta      900
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57 cacgtatgtg ctcaatggaa ccttcagcct taacctcact gtgaaagctg cagcaccagg      1020
59 accttgctcg ccaccgccac caccaccag accttcaaaa cccaccctt ctttaggacc      1080
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77 gatctccctc ttggtgtaca aaaaacacaa ggaatataac ccaatagaaa atagtcctgg      1620
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83 aatttcgacc ttgtttctga agctcacttt tcagtgccat tgatgtgaga tgtgctggag 1800
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87 ttgaattttt tataggtaa atgtcatttt agagatgggg agagggatta tactgcaggc 1920
89 agcttcagcc atgttgtaa actgataaaa gcaacttagc aaggcttctt ttcattattt 1980
91 tttatgtttc acttataaaag tcttaggtaa ctagtaggat agaaacactg tgtccccgaga 2040
93 gtaaggagag aagctactat tgattagagc ctaacccagg ttaactgcaa gaagaggcgg 2100
95 gatactttca gctttccatg taactgtatg cataaagcca atgtagtcca gtttctaaga 2160
97 tcatgttcca agctaactga atcccacttc aatacacact catgaactcc tgatggaaca 2220
99 ataacaggcc caagcctgtg gtatgatgtg cacacttgct agactcagaa aaaatactac 2280
101 tctcataaat ggggtgggagt attttgggtga caacctactt tgcttggctg agtgaaggaa 2340
103 tgatattcat atattcattt attccatgga catttagtta gtgcttttta tataccaggc 2400
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107 ttgaaatcaa aatattaaga ctttccaaaa atttggctcc tggtttttca tggcaacttg 2520
109 atcagtaagg atttcccctc tgtttggaac taaaaccatt tactatatgt tagacaagac 2580
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113 aaaaaaaaaa aaaaaaaaaa a 2661
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117 <211> LENGTH: 560
118 <212> TYPE: PRT
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127 Leu Pro Leu Asp Ala Ala Lys Arg Phe His Asp Val Leu Gly Asn Glu
128 20 25 30
131 Arg Pro Ser Ala Tyr Met Arg Glu His Asn Gln Leu Asn Gly Trp Ser
132 35 40 45
135 Ser Asp Glu Asn Asp Trp Asn Glu Lys Leu Tyr Pro Val Trp Lys Arg
136 50 55 60
139 Gly Asp Met Arg Trp Lys Asn Ser Trp Lys Gly Gly Arg Val Gln Ala
140 65 70 75 80
143 Val Leu Thr Ser Asp Ser Pro Ala Leu Val Gly Ser Asn Ile Thr Phe
144 85 90 95
147 Ala Val Asn Leu Ile Phe Pro Arg Cys Gln Lys Glu Asp Ala Asn Gly
148 100 105 110
151 Asn Ile Val Tyr Glu Lys Asn Cys Arg Asn Glu Ala Gly Leu Ser Ala
152 115 120 125
155 Asp Pro Tyr Val Tyr Asn Trp Thr Ala Trp Ser Glu Asp Ser Asp Gly
156 130 135 140
159 Glu Asn Gly Thr Gly Gln Ser His His Asn Val Phe Pro Asp Gly Lys
160 145 150 155 160
163 Pro Phe Pro His His Pro Gly Trp Arg Arg Trp Asn Phe Ile Tyr Val
164 165 170 175
167 Phe His Thr Leu Gly Gln Tyr Phe Gln Lys Leu Gly Arg Cys Ser Val
168 180 185 190
171 Arg Val Ser Val Asn Thr Ala Asn Val Thr Leu Gly Pro Gln Leu Met
172 195 200 205
175 Glu Val Thr Val Tyr Arg Arg His Gly Arg Ala Tyr Val Pro Ile Ala
176 210 215 220

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180 225                230                235                240
183 Thr Met Phe Gln Lys Asn Asp Arg Asn Ser Ser Asp Glu Thr Phe Leu
184                245                250                255
187 Lys Asp Leu Pro Ile Met Phe Asp Val Leu Ile His Asp Pro Ser His
188                260                265                270
191 Phe Leu Asn Tyr Ser Thr Ile Asn Tyr Lys Trp Ser Phe Gly Asp Asn
192                275                280                285
195 Thr Gly Leu Phe Val Ser Thr Asn His Thr Val Asn His Thr Tyr Val
196                290                295                300
199 Leu Asn Gly Thr Phe Ser Leu Asn Leu Thr Val Lys Ala Ala Ala Pro
200 305                310                315                320
203 Gly Pro Cys Pro Pro Pro Pro Pro Pro Pro Arg Pro Ser Lys Pro Thr
204                325                330                335
207 Pro Ser Leu Gly Pro Ala Gly Asp Asn Pro Leu Glu Leu Ser Arg Ile
208                340                345                350
211 Pro Asp Glu Asn Cys Gln Ile Asn Arg Tyr Gly His Phe Gln Ala Thr
212                355                360                365
215 Ile Thr Ile Val Glu Gly Ile Leu Glu Val Asn Ile Ile Gln Met Thr
216                370                375                380
219 Asp Val Leu Met Pro Val Pro Trp Pro Glu Ser Ser Leu Ile Asp Phe
220 385                390                395                400
223 Val Val Thr Cys Gln Gly Ser Ile Pro Thr Glu Val Cys Thr Ile Ile
224                405                410                415
227 Ser Asp Pro Thr Cys Glu Ile Thr Gln Asn Thr Val Cys Ser Pro Val
228                420                425                430
231 Asp Val Asp Glu Met Cys Leu Leu Thr Val Arg Arg Thr Phe Asn Gly
232                435                440                445
235 Ser Gly Thr Tyr Cys Val Asn Leu Thr Leu Gly Asp Asp Thr Ser Leu
236                450                455                460
239 Ala Leu Thr Ser Thr Leu Ile Ser Val Pro Asp Arg Asp Pro Ala Ser
240 465                470                475                480
243 Pro Leu Arg Met Ala Asn Ser Ala Leu Ile Ser Val Gly Cys Leu Ala
244                485                490                495
247 Ile Phe Val Thr Val Ile Ser Leu Leu Val Tyr Lys Lys His Lys Glu
248                500                505                510
251 Tyr Asn Pro Ile Glu Asn Ser Pro Gly Asn Val Val Arg Ser Lys Gly
252                515                520                525
255 Leu Ser Val Phe Leu Asn Arg Ala Lys Ala Val Phe Phe Pro Gly Asn
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259 Gln Glu Lys Asp Pro Leu Leu Lys Asn Gln Glu Phe Lys Gly Val Ser
260 545                550                555                560
263 <210> SEQ ID NO: 3
264 <211> LENGTH: 26
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Synthetic oligonucleotide primer
271 <400> SEQUENCE: 3

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RAW SEQUENCE LISTING

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Input Set : A:\UMD-55.seq.txt

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276 <211> LENGTH: 26
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Synthetic oligonucleotide primer
283 <400> SEQUENCE: 4
284 ccggaattct cgaaatttaa gaaact 26

VERIFICATION SUMMARY

DATE: 03/28/2005

PATENT APPLICATION: US/10/039,272A

TIME: 10:12:03

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